

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/007392

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 A47L15/48

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 A47L D06F F26B F28D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0 358 279 A (BAUKNECHT HAUSGERAETE ; WHIRLPOOL INT (NL)) 14 March 1990 (1990-03-14) column 3, line 24 - column 4, line 6; figures 1,2	1-8
Y	DE 27 16 686 A (BOSCH SIEMENS HAUSGERAETE) 19 October 1978 (1978-10-19) cited in the application page 6, paragraph 3 - page 7, paragraph 1; figures	1-8
A	DE 37 41 652 A (BAUKNECHT HAUSGERAETE) 22 June 1989 (1989-06-22) column 1, line 13 - line 16 column 1, line 47 - line 57 column 2, line 58 - line 60; figures	1
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the International search

22 October 2004

Date of mailing of the International search report

02/11/2004

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International Application No  
PCT/EP2004/007392

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 076 306 A (MOCHIZUKI KENTARO ET AL) 31 December 1991 (1991-12-31) abstract -----	1,3
A	US 3 068 877 A (JACOBS JAMES W) 18 December 1962 (1962-12-18) column 2, line 60 - column 3, line 33; figure 1 -----	1,3
A	DE 100 23 346 A (DIEHL AKO STIFTUNG GMBH & CO) 15 November 2001 (2001-11-15) paragraph '0027! -----	7,8
A	PATENT ABSTRACTS OF JAPAN vol. 0184, no. 33 (C-1237), 12 August 1994 (1994-08-12) & JP 6 133915 A (TOSHIBA CORP), 17 May 1994 (1994-05-17) abstract -----	
A	DE 30 38 080 A (BOSCH SIEMENS HAUSGERAETE) 13 May 1982 (1982-05-13) figures -----	
A	US 3 985 182 A (HARA TOSHITSUGU ET AL) 12 October 1976 (1976-10-12) abstract -----	

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## INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/007392

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0358279	A	14-03-1990	DE 3830664 A1 DE 58902880 D1 EP 0358279 A1 ES 2037396 T3	22-03-1990 14-01-1993 14-03-1990 16-06-1993
DE 2716686	A	19-10-1978	DE 2716686 A1 FR 2387019 A1 IT 1096101 B	19-10-1978 10-11-1978 17-08-1985
DE 3741652	A	22-06-1989	DE 3741652 A1	22-06-1989
US 5076306	A	31-12-1991	JP 1839704 C JP 2134126 A JP 5051288 B JP 1839705 C JP 2134127 A JP 5051289 B JP 2140129 A CA 2003030 A1 DE 3938170 A1 GB 2224927 A , B KR 9108473 B1 SE 505058 C2 SE 8903843 A	25-04-1994 23-05-1990 02-08-1993 25-04-1994 23-05-1990 02-08-1993 29-05-1990 16-05-1990 17-05-1990 23-05-1990 18-10-1991 16-06-1997 17-05-1990
US 3068877	A	18-12-1962	NONE	
DE 10023346	A	15-11-2001	DE 10023346 A1 AT 272351 T DE 50103120 D1 WO 0185003 A2 EP 1284627 A2 US 2003140517 A1	15-11-2001 15-08-2004 09-09-2004 15-11-2001 26-02-2003 31-07-2003
JP 6133915	A	17-05-1994	NONE	
DE 3038080	A	13-05-1982	DE 3038080 A1 FR 2491320 A1 IT 1139194 B	13-05-1982 09-04-1982 24-09-1986
US 3985182	A	12-10-1976	JP 1150445 C JP 50042451 A JP 57023194 B DE 2439442 A1 GB 1483606 A IT 1016826 B NL 7410833 A , B,	14-06-1983 17-04-1975 17-05-1982 13-03-1975 24-08-1977 20-06-1977 19-02-1975

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